

IN THE CLAIMS

63 1. (currently amended) An improved efficiency impact absorption device (10, 10'), which comprises a honeycomb (20), said honeycomb (20) having a number of ribs (11) that define respective outlets (12), having a hexagonal section, terminating in holes (13), in a lower part of the said honeycomb (20), ~~the above-mentioned said honeycomb (20)~~ being injection-molded in plastic, wherein ~~the above-mentioned said~~ plastic is a plastic resin derived from polycarbonate or rubber filled polypropylene wherein said impact absorption device is combined with a deformation containment element (15) designed to withstand stress of an impact and resulting lateral thrust (16) generated by said impact, said containment element (15) positioned around at least one longitudinal end of said honeycomb.

2. (currently amended) The Device (10,10') ~~as in~~ according to claim 1, wherein ~~the above-mentioned said plastic resin derived from~~ comprises a polycarbonate is Xenoy[®] resin.

3. (currently amended) The Device (10,10') ~~as in~~ according to claim 1 or 2, wherein ~~the above-mentioned said honeycomb features a tapered end at on~~ at least one of its longitudinal ends end of said honeycomb (20).

4. (currently amended) The Device (10,10') ~~as in~~ according to claim 3, wherein said deformation containment element (15) is positioned around said tapered end.

5. (currently amended) The Ddevice (10,10') ~~as in~~
according to claim 4, wherein said containment element (15)
is made of a high resistance steel material.

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6. (currently amended) The Ddevice (10,10') ~~as in~~
according to claim 4 or 5, ~~characterized in that the above-~~
~~mentioned~~ wherein said containment element (15) is made
integral with ~~the related~~ said honeycomb (20).

7. (currently amended) The Ddevice (10,10') ~~as in~~
according to claim 4, wherein ~~the above-mentioned~~ said
containment element (15) is fastened directly to ~~the~~ a
vehicle.

8. (currently amended) An Iimproved efficiency impact
absorption device (10,10'), which comprises a honeycomb
(20), said honeycomb(20) having a number of ribs (11) that
define respective outlets (12), having a hexagonal section,
terminating in holes (13), in a lower part of ~~the~~ said
honeycomb (20), ~~the above-mentioned~~ said honeycomb (20)
being injection-molded in plastic, wherein ~~the~~ said plastic
is a plastic resin derived from a polycarbonate wherein
said impact absorption device (10, 10') is combined with a
deformation containment element (15) designed to withstand
stress of an impact and resulting lateral thrust (16)
generated by said impact, said containment element (15)
positioned around at least one longitudinal end of said
honeycomb (20).
